

Defense Business Systems (CLE077)

Sprint

Sprint Working Group

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Module – 0 Table of Contents

Topic

Module - 0 Table of Contents

You should be able to:

Questions

Content

Filenames:

- Module – 0 Table of Contents
- Module – 1 Introduction
- Module – 2 Law, Regulations, and Policy (LPR)
- Module – 3 Uniqueness of Business Systems
- Module – 4 Requirements
- Module – 5 Program Management
- Module – 6 Technical (a)
- Module – 7 Technical (b)
- Module – 8 Acquisition Scenario
- Module – 9 Definitions/Resources

Module – 1 Introduction

Topic

Module - 1 Introduction

You should be able to:

1. Define the Purpose and Objective of the Defense Business Systems (DBSs) Module.
2. Define what a DBS is.
3. Explain the history of DBS.
4. Explain the uniqueness of DBSs

Questions

Content

- Purpose
- Objective
- History of DBSs
- What is a Defense Business System (DBS)?
 - Business mission area in context of DoD IT
- Uniqueness of DBSs
 - acquisition model
 - Relationship to business processes and system interfaces
 - relationships with the other DoD Software Domains
 - Importance of change management
- **Add cyber aspect somewhere in here!!!

Module – 2 Law/Regulation/Policy (LRP)

Topic

Module - 2 Law, Regulation, and Policy (LRP)

You should be able to:

1. Name LRPs governing DBS in order to be aware of the framework/boundaries from which to work.

Questions

Content

- **Awareness of the Statutes associated w/DBS**
 - 10 USC 2222, DBS
 - 10 USC Ch 144A, MAIS Reporting
 - 40 USC, CCA
- **Awareness Regulation associated w/DBS**
 - DoDI 5000.2, Enclosure #12 -
 - JCIDS 3170.01I - JCIDS Process
 - JCIDS 6212 - Net-ready KPP
- **Awareness the Policy associated w/DBS**
 - DAG, Chapter 12
 - DBS Problem Statement Template and Approval Process
 - DAES/MAIS and MAR Reporting
 - GAO Steering

Module 3 – Uniqueness of Defense Business Systems

Topic

Module - 3 Uniqueness of Defense Business Systems

You should be able to:

Content

- Insert Lee Hewitt's write-up/chart content here

Questions

Module 4 – Requirements

Topic

Module - 4 Requirements

You should be able to:

1. Identify requirements validation authority for problem statements.
2. Match functional and program office roles for detailed requirements definitions.

Questions

Content

- Review stakeholder landscape
- Problem statement approval
- Functional and acquisition governance
- Detailed requirements definition
- Requirements Roles
 - Functional Lead
 - Subject Matter Expert
 - Program Management Office

Module 5 – Program Management

Topic

Module - 5 Program Management - Application of DOD 5000 in DBS

You should be able to:

1. Explain the unique program management considerations and best practices for Defense Business Systems.

Questions

Content

- Conducting an Analysis of Alternatives (AOA) for a Defense Business System (DBS)
- Funding Consideration (Program Object Memorandum (POM)/Investment Resource Board (IRB) Certification/Execution)
- Acquisition Strategy Development & Tailoring Considerations
 - Identify contract-type and Intellectual Property (IP) considerations related to DBS acquisition
- Should Cost considerations
- Identify measurements associated with DBS programs.
- Establishing baselines for cost, schedule, and performance

Topic

Module - 6 Software Development Lifecycle Management

You should be able to:

1. Identify key considerations for selecting the appropriate software development life cycle for a program.
2. Contrast configuration of commercial software with customization.
3. Identify the importance of business process re-engineering in reducing software cost.

Content

- Overview of software development methodologies; using decision criteria to choose the most applicable lifecycle for the program.
- Market research; evaluation of capability requirements against existing implemented software (commercial or government off-the shelf)
- Customization and configuration; collaboration with functional business process owner to minimize using BPR
- Enterprise and solution architectures; compliance with and comparison to Business Enterprise Architecture
- Software size estimation and lifecycle cost estimation

Module – 7 Technical(b)

Topic

Module - 7 Interfaces, Testing, & Infrastructure

You should be able to:

1. Match test and evaluation stakeholders to test roles and certifications.
2. Identify privacy and Cybersecurity risks for DBS acquisition programs.

Questions

Content

- Prioritizing and managing interfaces; interface control agreements, data migration, shutting down legacy systems
- Test & Evaluation Master Plan; managing through Test WIPTs; evaluating test results
- Defining critical operational issues, measures of effectiveness; relationship to architecture
- Infrastructure planning and considering outsourcing, Cloud, and IT as a Service
- Privacy, Cybersecurity and IT portfolio risk management

Module – 8 Acquisition Scenario

Topic

Module - 8 Acquisition Scenario

You should be able to:

1. Choose course of action for program analysis of alternatives.

Content

- In the context of a DoD business system acquisition scenario:
 - Potential COTS/GOTS alternatives based on fit-gap analysis
 - Organizational change management to influence deployment and training plan

Questions

Module – 9 Definitions and Resources

Topic

Module - 9 Definitions and Resources

You should be able to:

1. Give an example of deeper dive of resources not covered in the modules.
2. Review the definitions covered in each of the modules.

Content

- Provide definitions for DBS terminology used in the modules.
- Identify additional or supplemental resources associated with each module.

Questions